

***National Type Evaluation Program***  
***Certificate of Conformance***  
***for Weighing and Measuring Devices***

**For:**

Cash Register/Controller  
Digital Electronic  
Models: T-15 Console PA0189 \*  
C-15 Controller Model PA0190 \*  
C-2 Controller Model PA0211 \*

**Submitted by:**

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**Standard Features and Options**

\* The manufacturer's model number for these devices may be designated with suffixes that denote standard non-metrological features.

The console and either controller comprise the TCR-15 system.

Prepay and postpay transactions

Sixteen department keys

Price look-up capability

Two transaction buffered memory for each dispenser

Controls up to 16 product dispensers

Recompute key for cash/credit prices

Battery back-up

CRT display

Customer sales receipt

**Optional Models:**

RA0189XXXXXXX (re-manufactured device)

RA0211XXXXXXX (re-manufactured device)

This device was evaluated under the National Type Evaluation Program (NTEP) and was found to comply with the applicable technical requirements of Handbook 44, "Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: December 1, 1999

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Gilbert M. Ugiansky, Ph.D.  
Chief, Office of Weights and Measures  
Issue Date: March 23, 2000

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**Marconi Commerce Systems Inc.**  
**Cash Register/Controller**  
**Models: T-15 Console PA0189, C-15 Controller Model PA0190 and**  
**C-2 Controller Model PA0211**

**Application:** Service station cash register/controller.

**Identification:** The identification badge is located on the left side of the cash register/controller.

**Sealing:** There are no sealable parameters controlled by these devices.

**Operation:** The CRT contains three display fields: One for the status and information display of the dispenser, a second field for cash register transactions, and a third for error messages and tax information. The unit price for a particular delivery may be selected from the cash register/console after the pump handle has been raised. If a particular system has this capability, the unit price is not displayed continuously in the unit price display until the desired unit price is selected. Once the unit price is selected and continuously displayed, it cannot be changed from the console unless the pump handle is "off."

**Test Conditions:** This Certificate is issued based upon information provided by the manufacturer to change the name of the company from the previous name, Gilbarco Inc., and to transfer ownership of the device covered under Certificate of Conformance Number 87-002A1 to Marconi Commerce Systems Inc. This Certificate is also issued to include the optional Models RA0189XXXXXXX and RA0211XXXXXXX (re-manufactured devices) that was originally covered under the multi-Certificate of Conformance Number 92-198A1. All institutional knowledge of the previous owner has been transferred to the new company. Test conditions for Certificate of Conformance Numbers 87-002A1 and 92-198A1 and the preceding Certificates are listed below for reference.

**Certificate of Conformance Number 87-002A1:** This Certificate superseded and replaced Certificate of Conformance Number 87-002 (issued February 4, 1987). This Certificate was issued to include the C-2 controller Model PA0211 as an optional controller for the TCR-15 system. The emphasis of the evaluation was on the design and operation of the C-2 controller (Model PA0211). The software used with the C-2 controller is identical to that used with the C-15 controller. Since the operation of the system using the C-2 controller is essentially identical to the C-15 controller, only a permanence test was required. The C-2 controller was placed into a field installation where it was tested initially and again 20 to 30 days later.

**Certificate of Conformance Number 87-002:** For the original evaluation performed in conjunction with Certificate of Conformance Number 87-002, the cash register and C-15 controller (Model PA0190) were interfaced with an MPD dispenser simulator. The emphasis of the examination was on the operation of the cash register/controller, the dispenser, and the customer sales receipt. A system was installed in a service station and tested initially and then 20 to 30 days later.

**Certificate of Conformance Number 92-198A1:** This Certificate superseded Certificate of Conformance Number 92-198 and was issued to include additional devices.

**Certificate of Conformance Number 92-198:** This Certificate was issued to list Gilbarco retail consoles and cash registers which are re-manufactured within company owned facilities. This Certificate was in addition to the original Certificate of Conformance. The manufacturer certifies that rebuilt equipment is cleaned, inspected, refurbished and tested, and any component or part not meeting specifications is rejected and replaced. Operation and performance are not altered.

The results of the evaluations indicate the devices comply with applicable requirements of NIST Handbook 44.

**Type Evaluation Criteria Used:** NIST Handbook 44, 1999 Edition

**Tested By:** T. Scott, R. Murdock (NC), H. Oppermann (NIST) 87-002

**Information Reviewed By:** R. Whipple (NIST) 92-198; T. Grimes (NIST) 92-198A1; L. Sebring (NIST) and G. Newrock (NIST) 99-161